

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

4/2/2012

Debra Payton
Assistant District Attorney
Norfolk County District Attorney's Office

Dear ADA Payton,

Enclosed is the information you requested in regards to items # [REDACTED]

1. Curriculum Vitae for Hevis Lleshi and Nicole Medina
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for these samples. Nicole Medina was the confirmatory chemist and analyzed the GC/MS data for these samples.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi
Chemist I
Drug Analysis Laboratory
Jamaica Plain, MA 02130
(617) 983-6627

Curriculum Vitae

Hevis Lleshi

Education

Boston University School of Medicine – Master of Science, Forensic Science
University of South Florida – Bachelor of Arts, Clinical Psychology

Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

Employment

March, 2011 – Present
Chemist I, Massachusetts Department of Public Health,
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Notary Public

Additional Training and Laboratory Experience

- DEA Forensic Chemist Training- Special Testing and Research Laboratory, VA, March 2012
- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship, MASSACHUSETTS STATE POLICE—MARINE SECTION, BOSTON, MA, 2009 – 2010

Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

Curriculum Vitae

Nicole E. Medina

Education

Bachelor of Science, Chemistry (1995)

Emmanuel College, Boston, MA

Research Project: (1994)

In-Vivo Mapping of Cocaine Metabolites in Biological Fluids

Conducted at Massachusetts State Police Crime Lab, Toxicology Department

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substances and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2004-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis
- Successfully completed an eight week training in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate

(September 2001 – October 2004)

Wolfe Laboratories, Newton & Watertown, MA

Laboratory Technician

(January 1996 - April 1997)

Gillette, Boston, MA

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608


Boston Hours

8:00 – 11:00
2:00 – 4:00

Amherst Hours

9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Quincy Police Reference No.: 


Name and Rank of Submitting Officer: Det. W. Ward

Defendant(s) Name (last, first, initial):



To be completed by Submitter
Description of Items Submitted

To be completed by Lab Personnel
Gross Weight Lab Number

1 plb with white substance	10.67 gm	
9 plb ^s with white substance	9.63 gm	
1 plb with brown substance	11.00 gm	

Received by: AS Date: 6.6.11

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]
Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 06/06/2011
Gross Wt.: 10.67

Date Analyzed:
12-01-11
Subst: SUB
No. Analyzed:
Net Weight: 6.44g
Tests: 6
20em

Prelim: Cocaine (HU) Findings: Cocaine

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]
Amount:
No. Cont: 9 Cont: pb
Date Rec'd: 06/06/2011
Gross Wt.: 9.63

Date Analyzed:
12-01-11
Subst: SUB
No. Analyzed: 1
Net Weight: 0.47g (g/l)
Tests: 6 pb test
20em

Prelim: Cocaine (HU) Findings: Cocaine

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]
Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 06/06/2011
Gross Wt.: ~~10.67~~ 11.00 gm

Date Analyzed:
12-01-11
Subst: SUB
No. Analyzed:
Net Weight: 7.01g
Tests: 4
20em

Prelim: Heroin (HU) Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Quincy

ANALYST

HLL

No. of samples tested: _____

Evidence Wt.

OK

PHYSICAL DESCRIPTION:

One pb containing
off white substance.
Pb tied around with
clear tape.

Gross Wt (): 6.6076g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 6.440g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () + weak / + blue w/ acid

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold
Chloride +

TLTA (—) + w/ acid

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 11/19/2011

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR NEM

DATE 12/11/2011

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Quincy

ANALYST

HLNo. of samples tested: 1Evidence Wt. OK

PHYSICAL DESCRIPTION:

Gross Wt (9): 5.2940gGross Wt (1): 0.5622g

Pkg. Wt: _____

Net Wt: (1) 0.4731g

Nine pb containing
off white substance.
All 9 pb inside another
pb, tied around w/ clear
tape. One pb tested.

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () + weak / + blue w/ acidMarquis -Froehde's -Mecke's -

Microcrystalline Tests

Gold
Chloride +TLTA (-) + w/ acid

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS CocaineDATE 11/19/2011

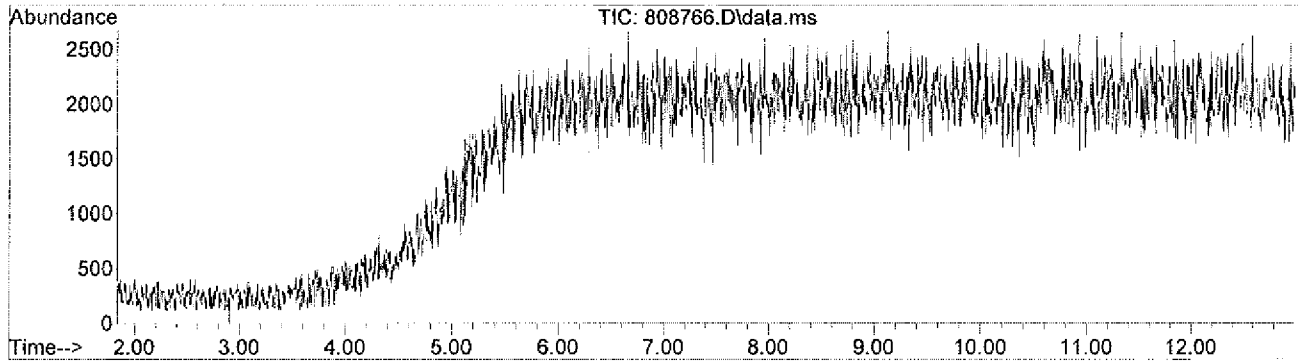
GC/MS CONFIRMATORY TEST

RESULTS CocaineMS
OPERATOR NEMDATE 12/1/2011

NEM ✓
03-26-12

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808766.D
Operator : NEM
Date Acquired : 26 Nov 2011 6:36
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



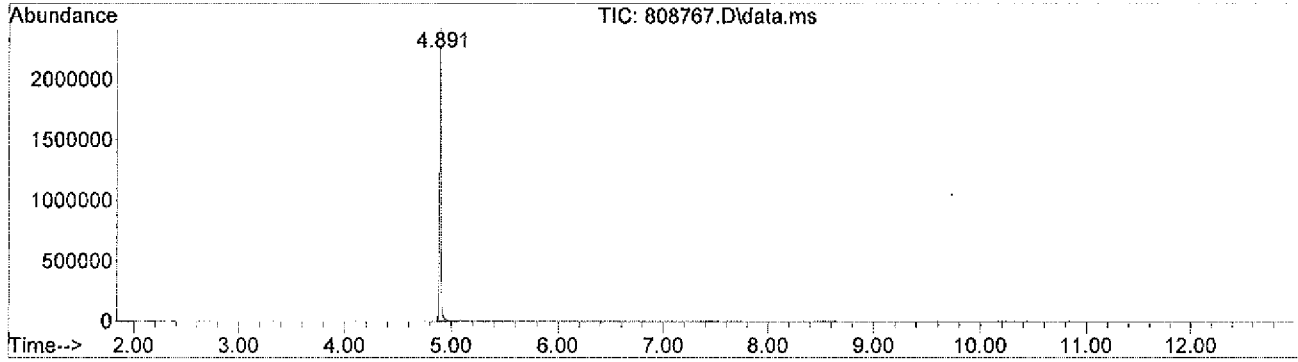
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808767.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 6:51
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.891	2359252	100.00	100.00

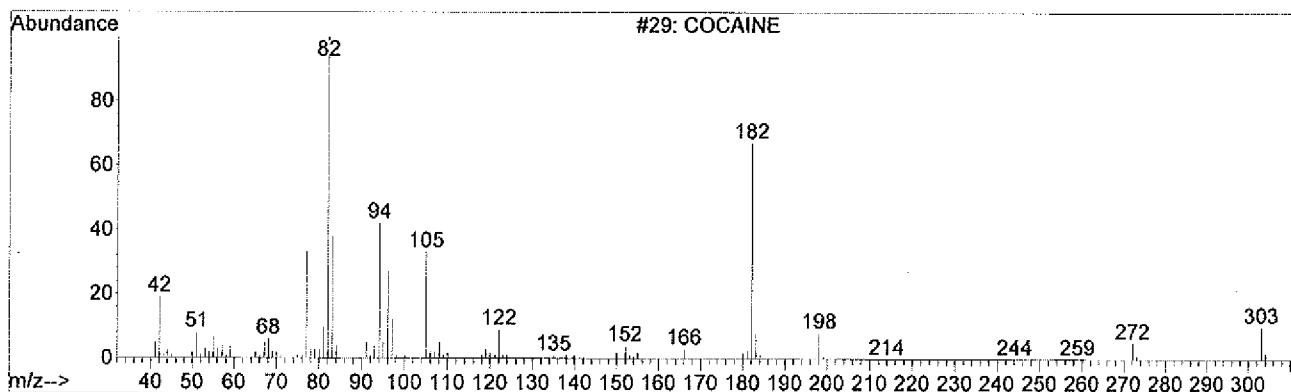
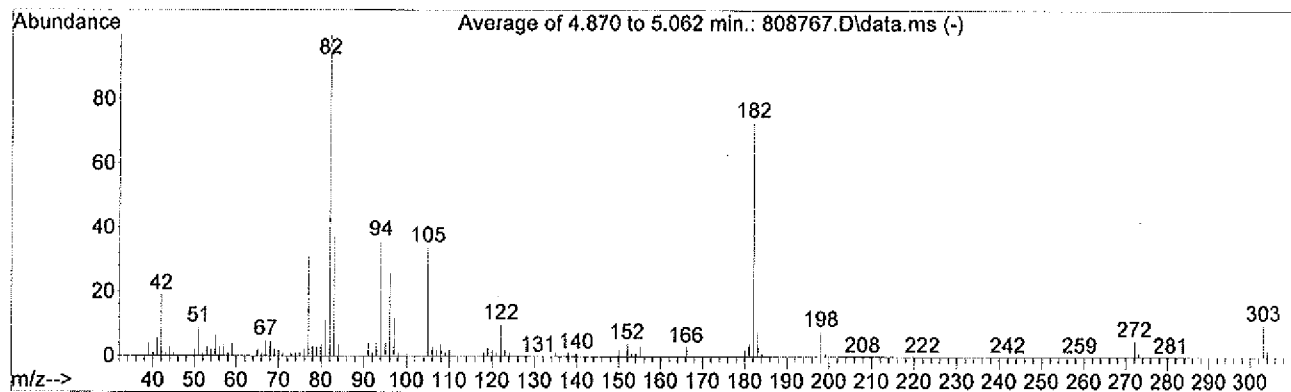
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808767.D
Operator : NEM
Date Acquired : 26 Nov 2011 6:51
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

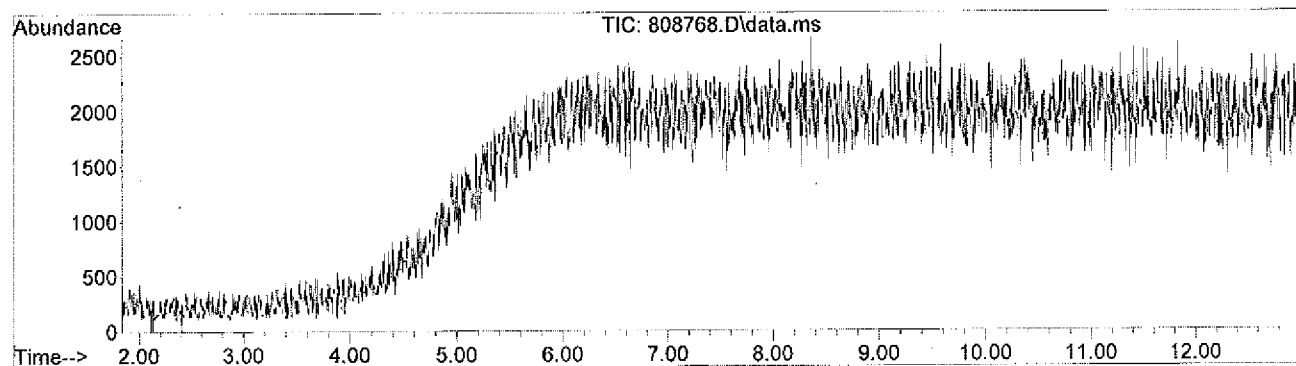
PK#	RT	Library/ID	CAS#	Qual
1	4.89	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808768.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 7:07
 Sample Name : BLANK
 Submitted by : HLL
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

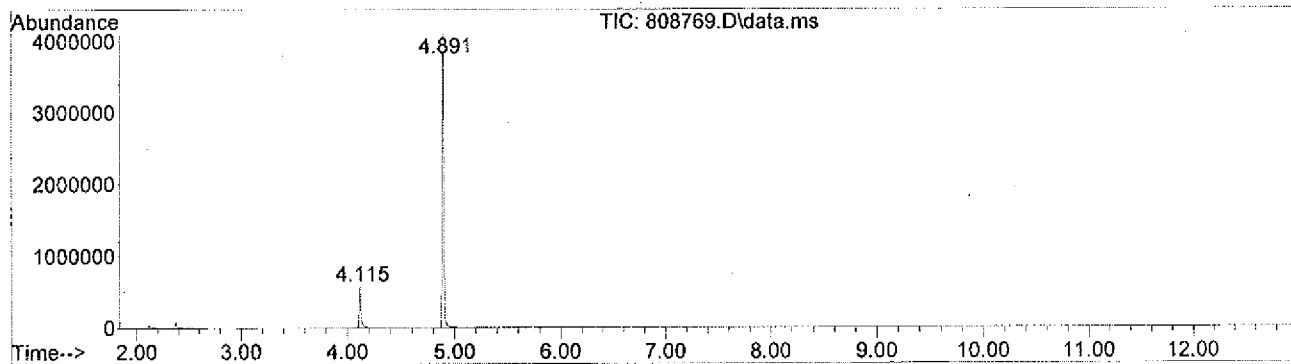


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808769.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 7:22
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 69
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.115	694531	14.12	16.45
4.891	4222705	85.88	100.00

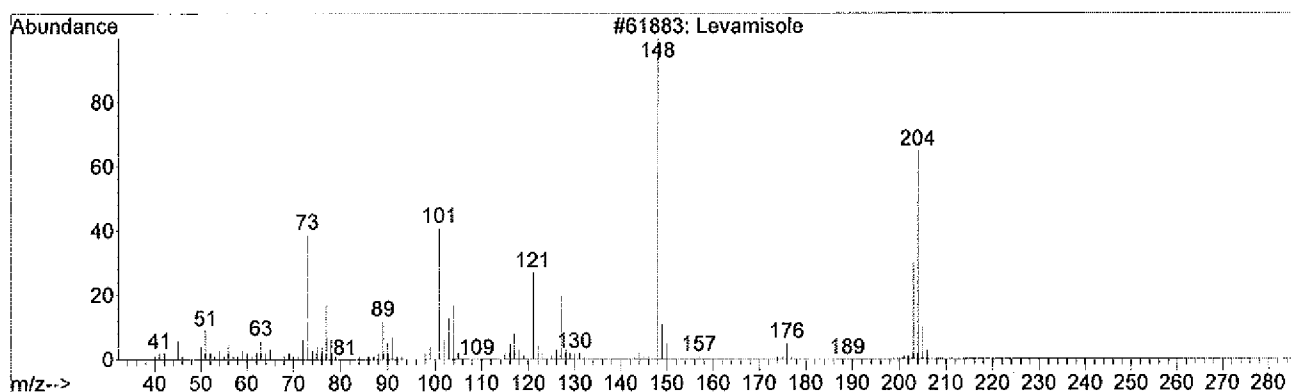
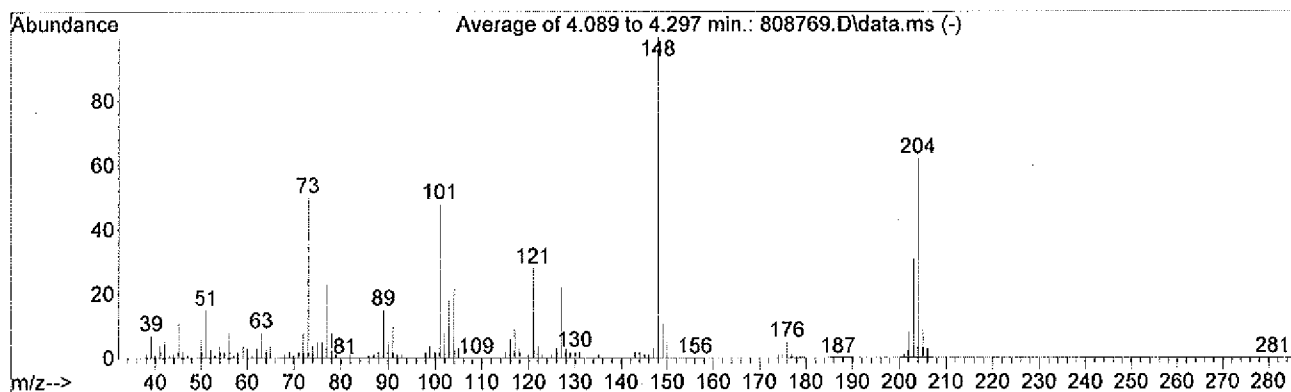
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808769.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 7:22
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 69
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.12	C:\Database\NIST08.L		
		Levamisole	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Levamisole	006649-23-6	97



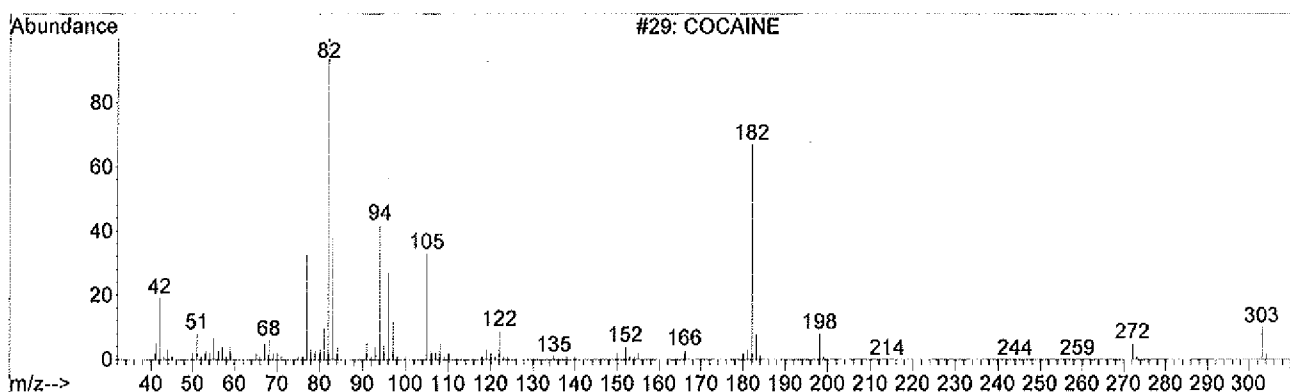
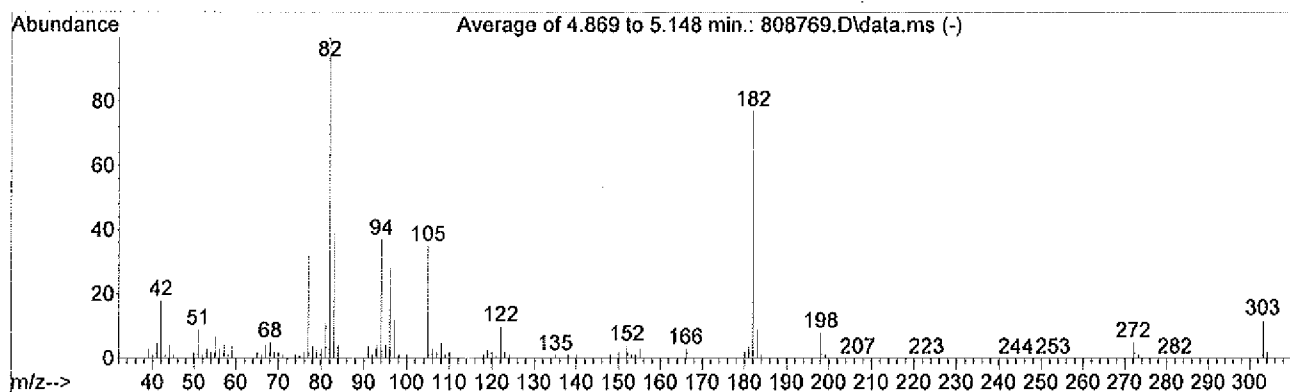
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808769.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 7:22
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 69
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

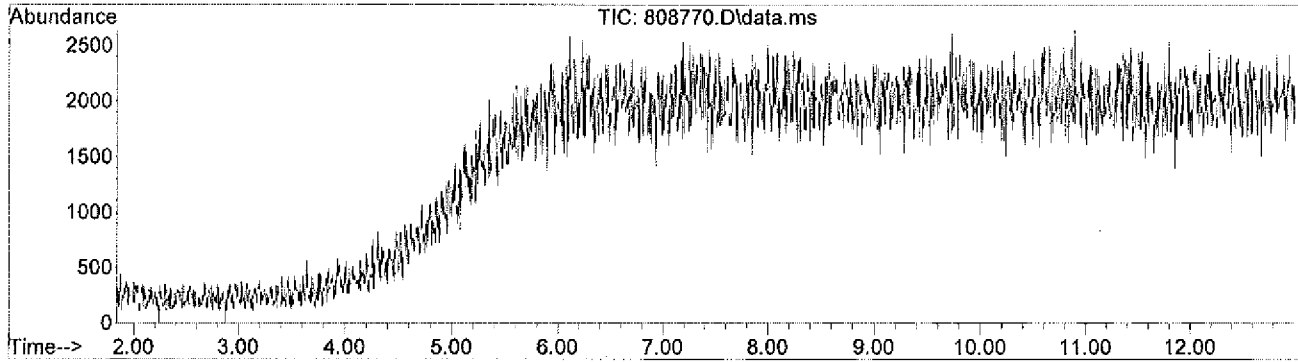
PK#	RT	Library/ID	CAS#	Qual
2	4.89	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808770.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 7:38
 Sample Name : BLANK
 Submitted by : HLL
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



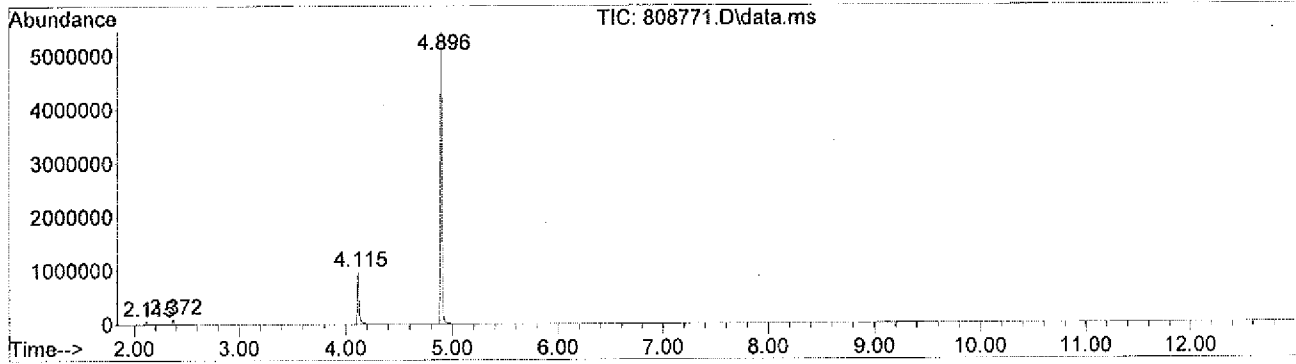
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808771.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 7:53
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 71
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.115	129866	1.84	2.28
2.372	116973	1.66	2.05
4.115	1115618	15.80	19.58
4.896	5698585	80.70	100.00

Area Percent / Library Search Report

Information from Data File:

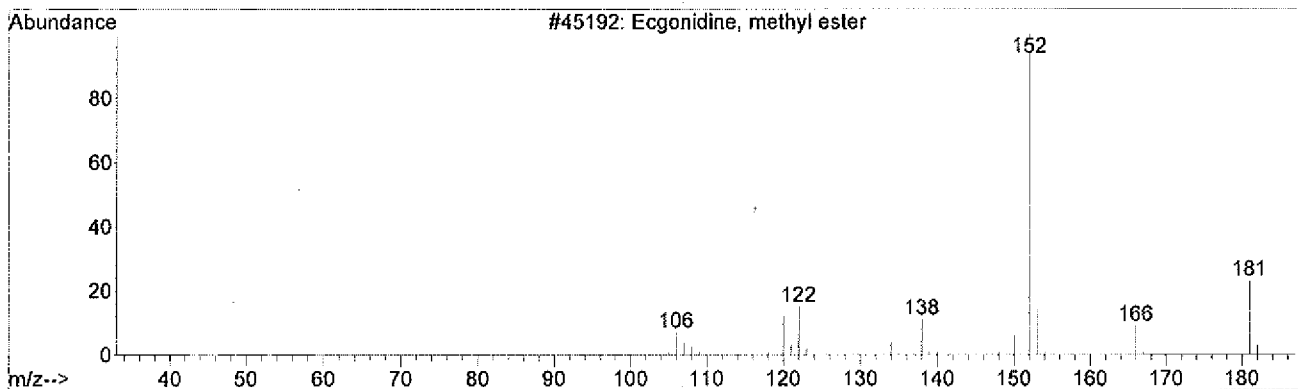
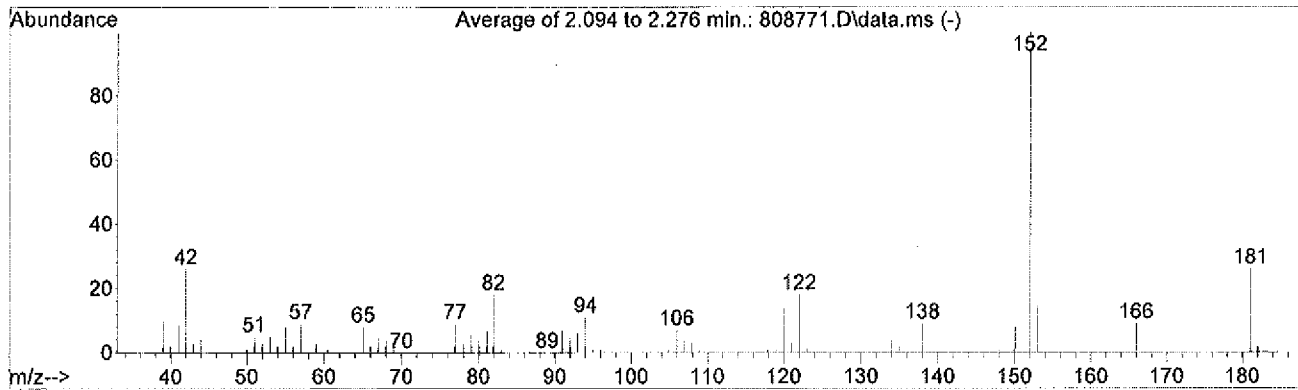
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File Name       : F:\Q4-2011\System9\11_25_11\808771.D
Operator        : NEM
Date Acquired   : 26 Nov 2011   7:53
Sample Name     : 
Submitted by    : HLL
Vial Number     : 71
AcquisitionMeth : DRUGS.M
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 10
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	2.12	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	96
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	96
		2(1H)-Pyridinone, 4-hydroxy-6-methy	007135-82-2	52

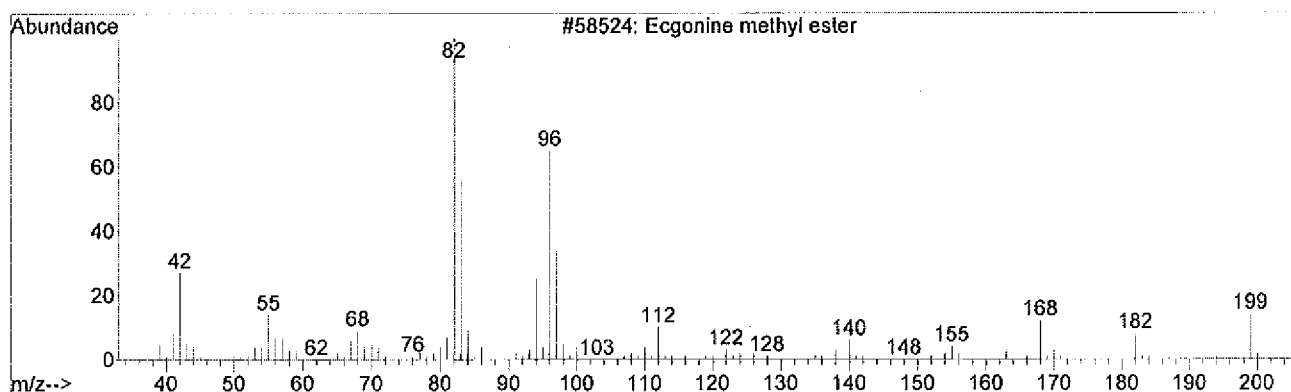
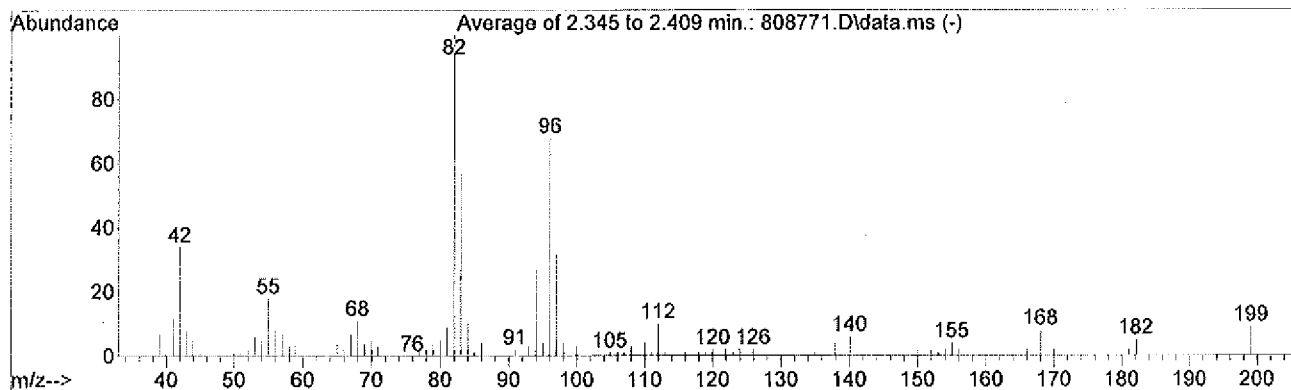


Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808771.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.37	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	98
		Pseudoecgonine methyl ester	099189-88-5	97
		Ecgonine methyl ester	106293-60-1	97

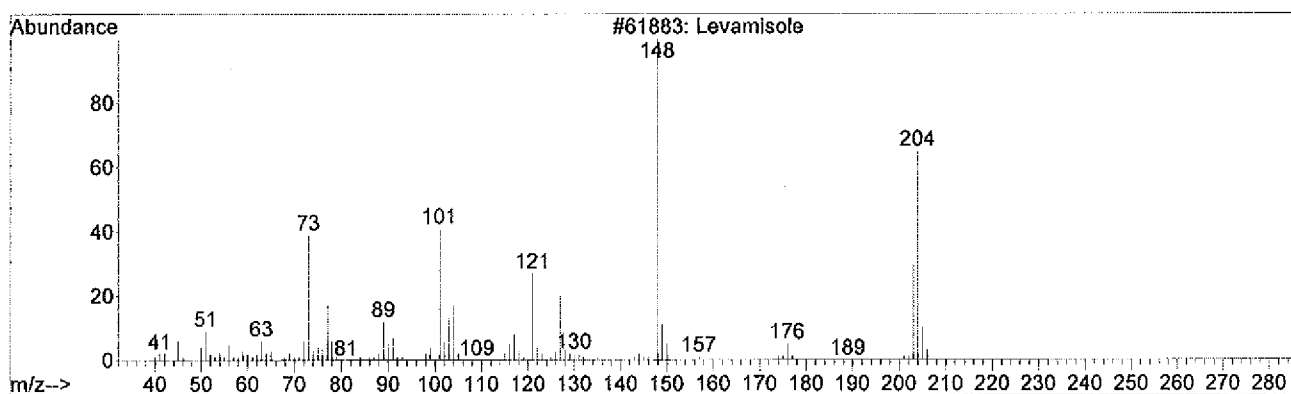
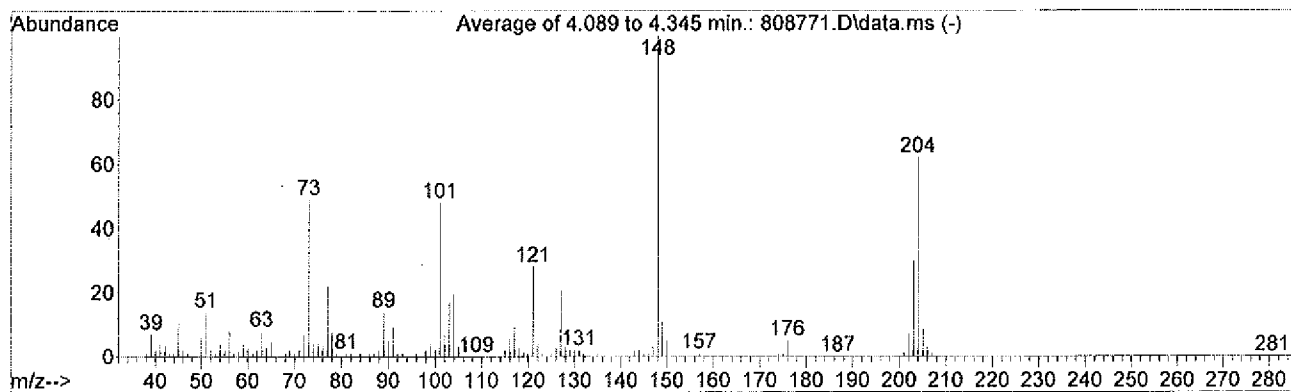


Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808771.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	4.12	C:\Database\NIST08.L		
		Levamisole	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Levamisole	006649-23-6	98



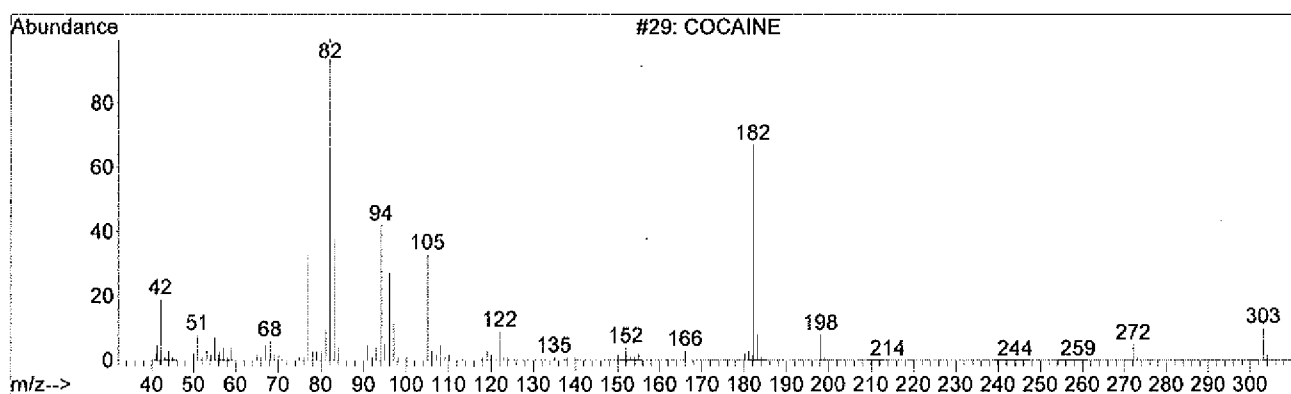
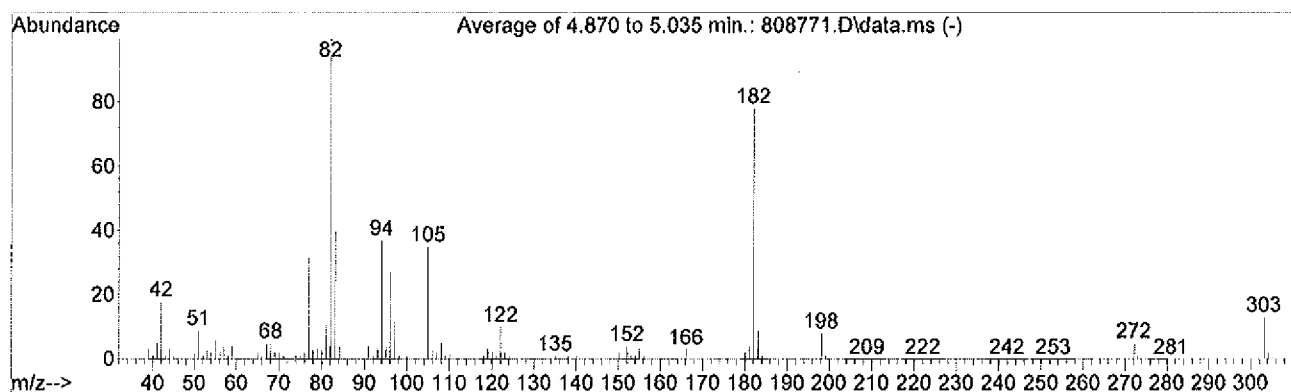
Area Percent / Library Search Report

Information from Data File:

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Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

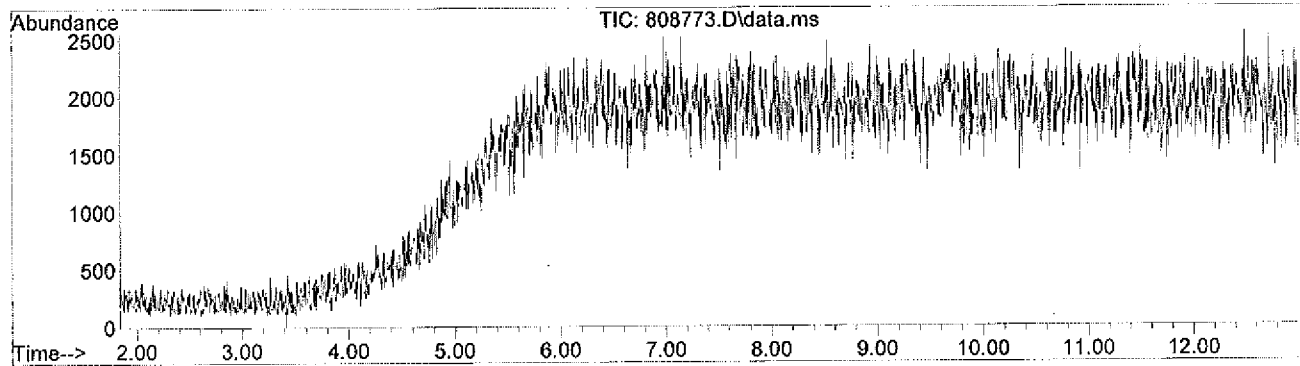
PK#	RT	Library/ID	CAS#	Qual
4	4.90	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808773.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 8:24
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



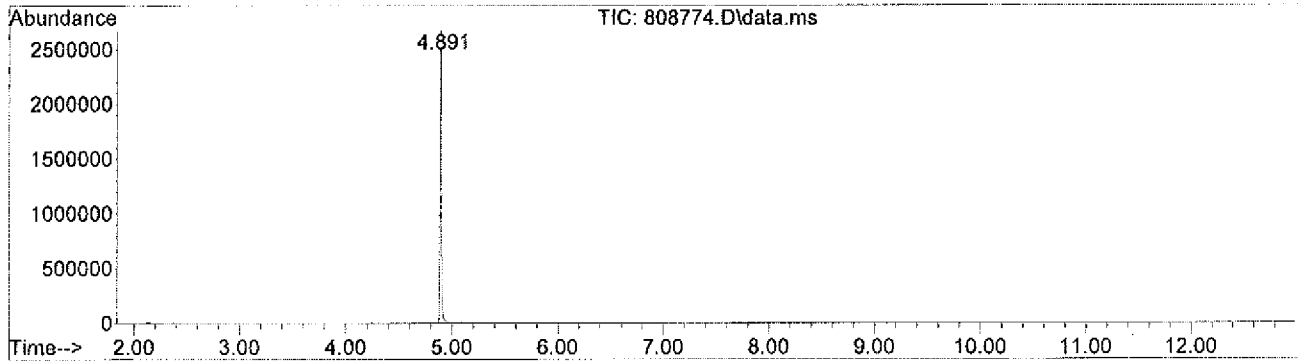
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808774.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 8:39
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.891	2517969	100.00	100.00

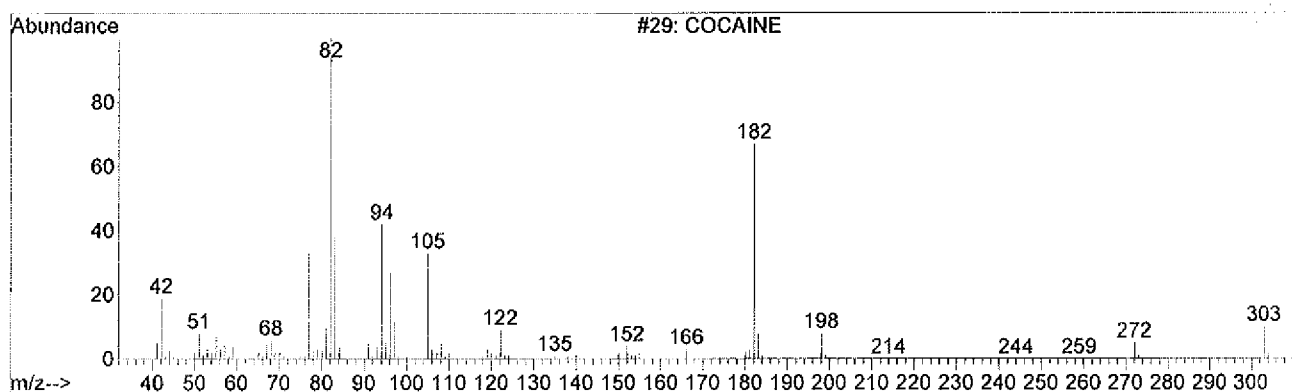
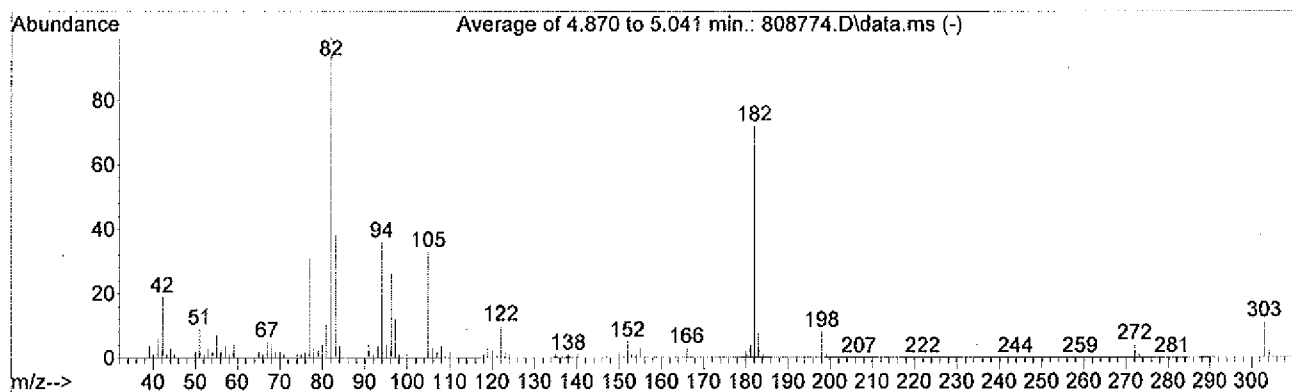
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808774.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 8:39
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

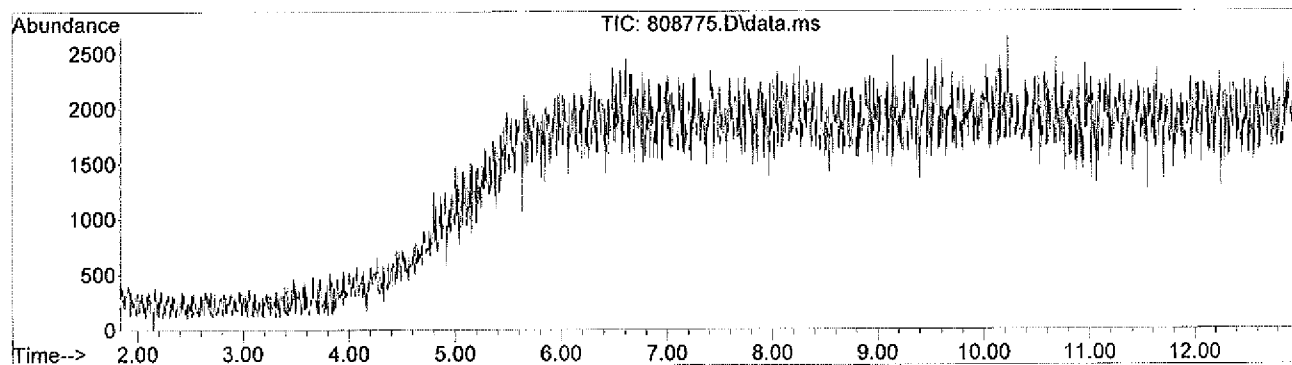
PK#	RT	Library/ID	CAS#	Qual
1	4.89	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808775.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 8:55
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



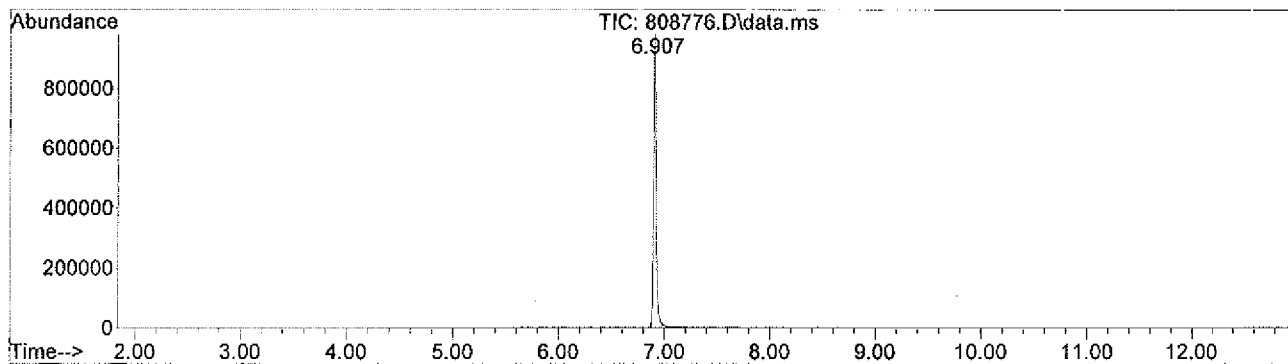
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808776.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 9:10
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 76
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.907	1638793	100.00	100.00

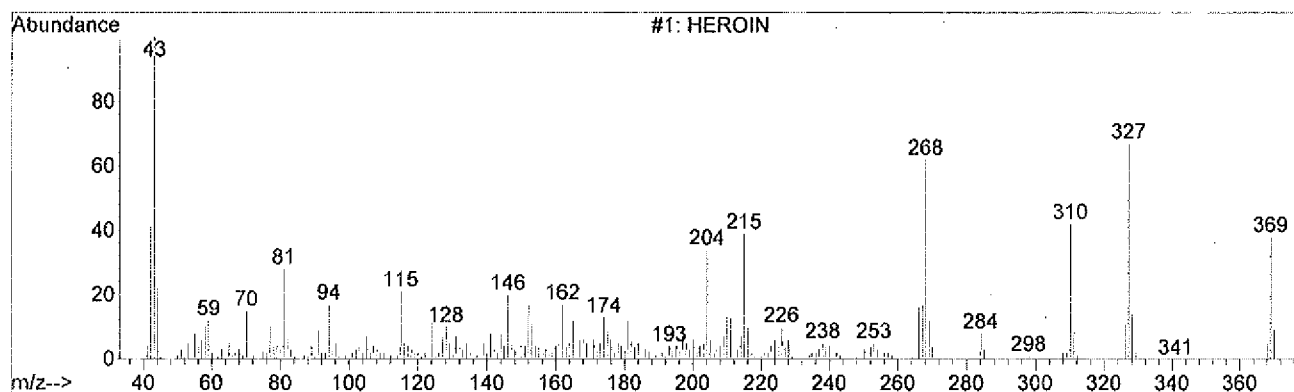
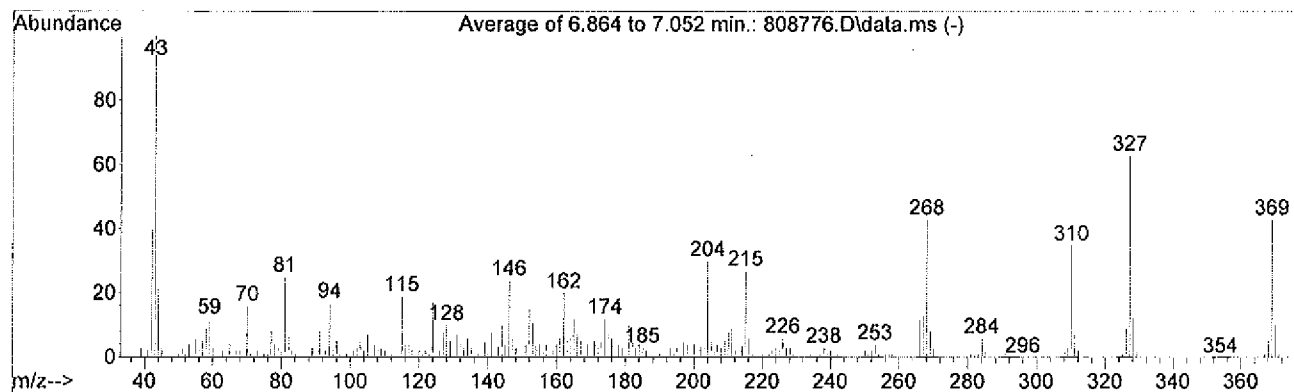
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808776.D
Operator : NEM
Date Acquired : 26 Nov 2011 9:10
Sample Name : HEROIN STD
Submitted by :
Vial Number : 76
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

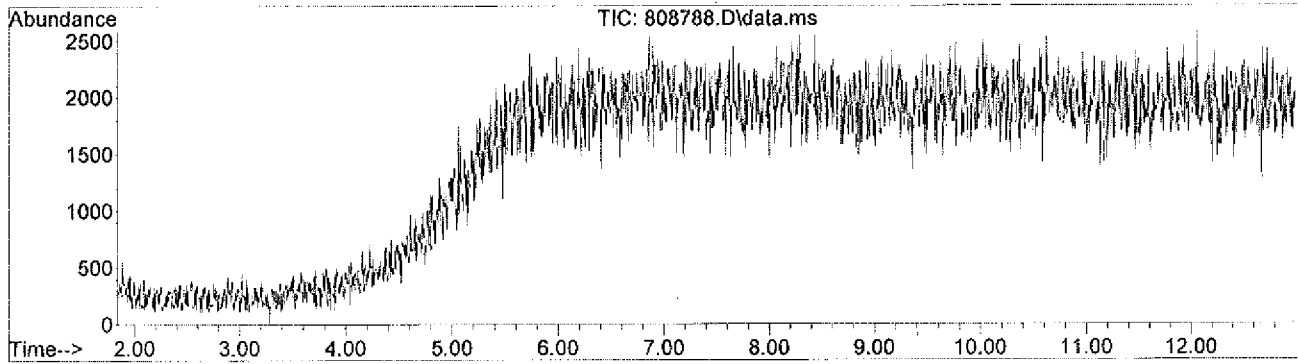
PK#	RT	Library/ID	CAS#	Qual
1	6.91	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808788.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 12:15
 Sample Name : BLANK
 Submitted by : HLL
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

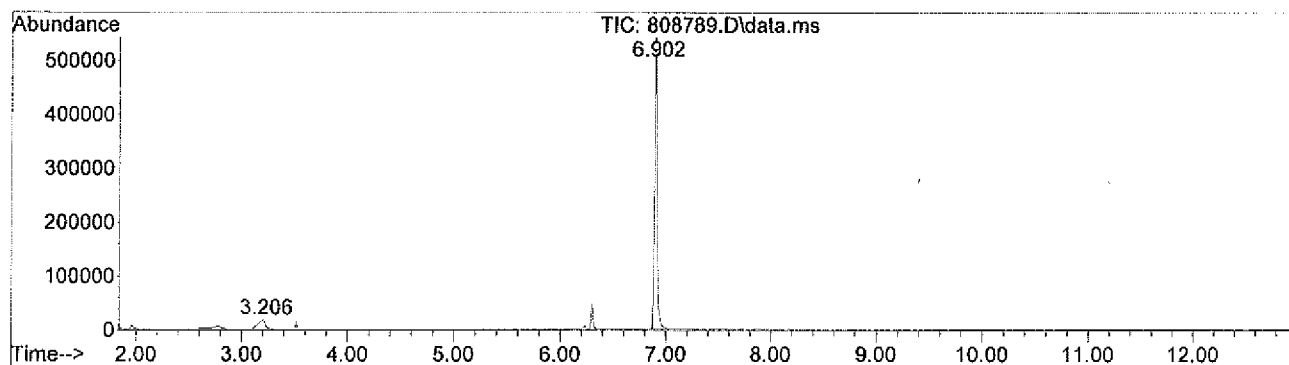


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808789.D
Operator : NEM
Date Acquired : 26 Nov 2011 12:31
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE



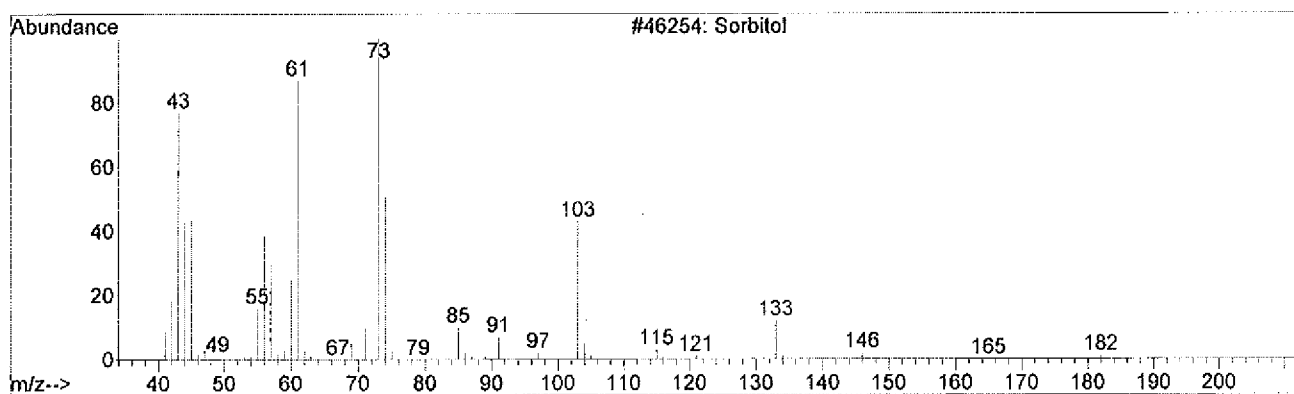
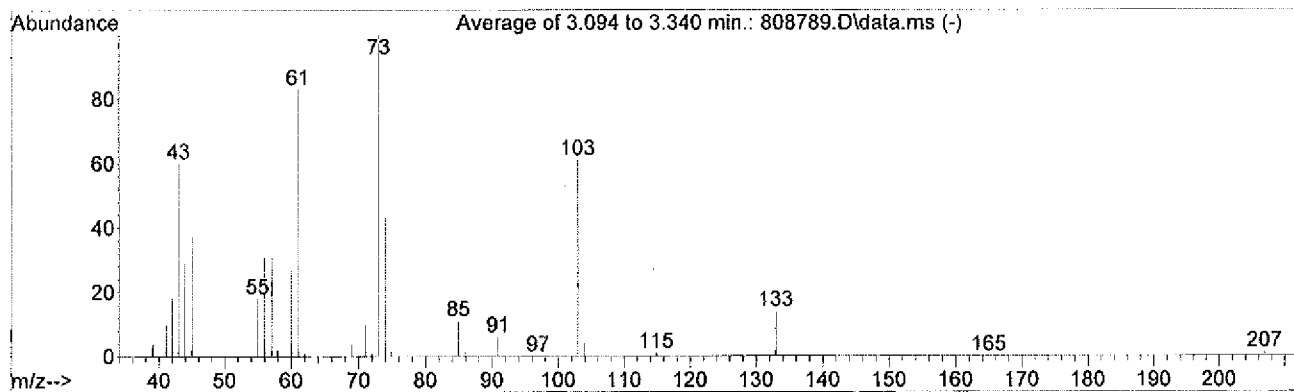
Ret. Time	Area	Area %	Ratio %
3.206	102165	10.23	11.40
6.902	896356	89.77	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808789.D
Operator : NEM
Date Acquired : 26 Nov 2011 12:31
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.21	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	86
		Glucitol	026566-34-7	83



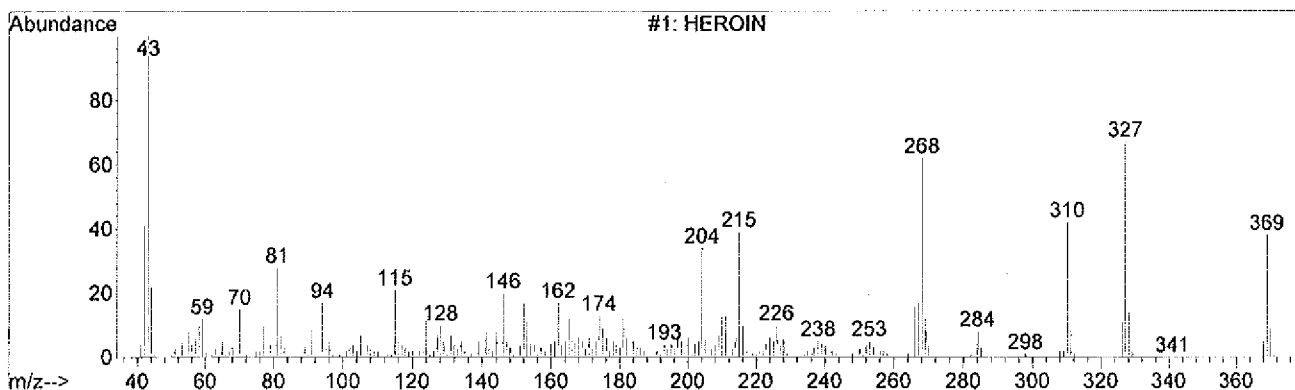
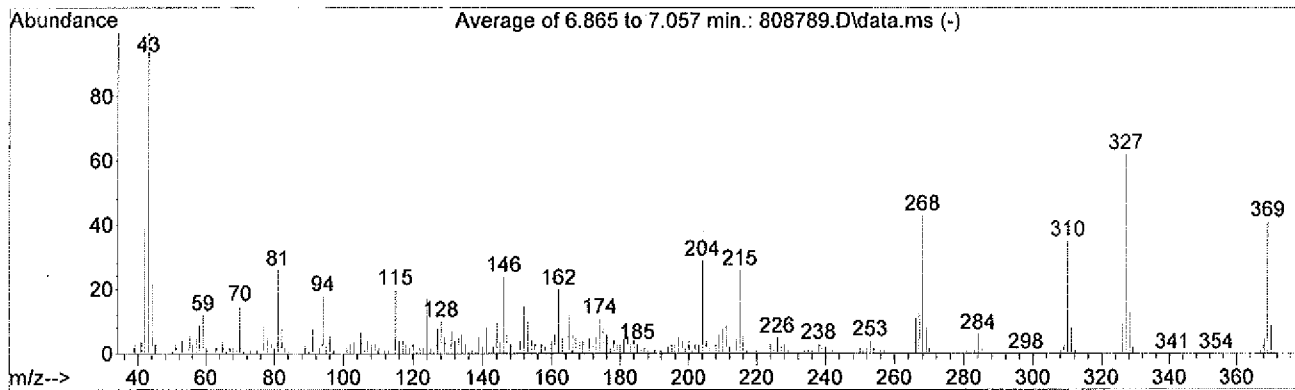
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808789.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 12:31
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 89
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

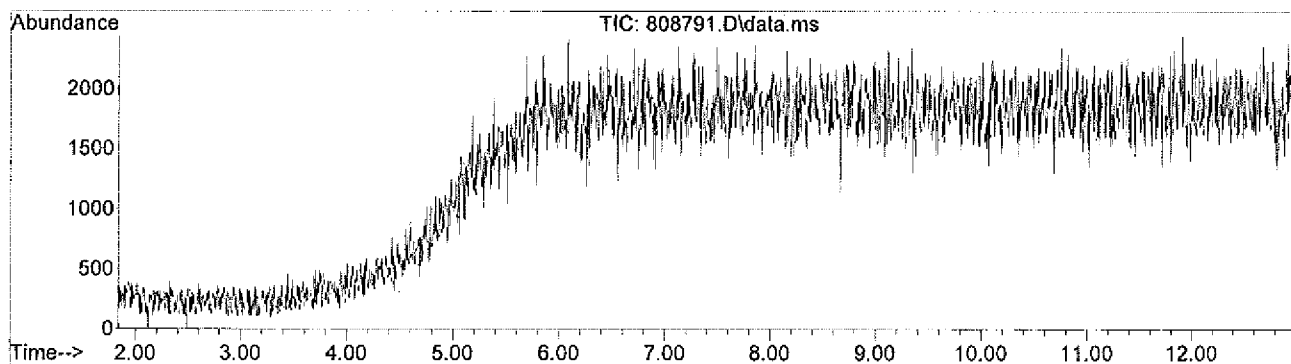
PK#	RT	Library/ID	CAS#	Qual
2	6.90	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808791.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 13:02
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



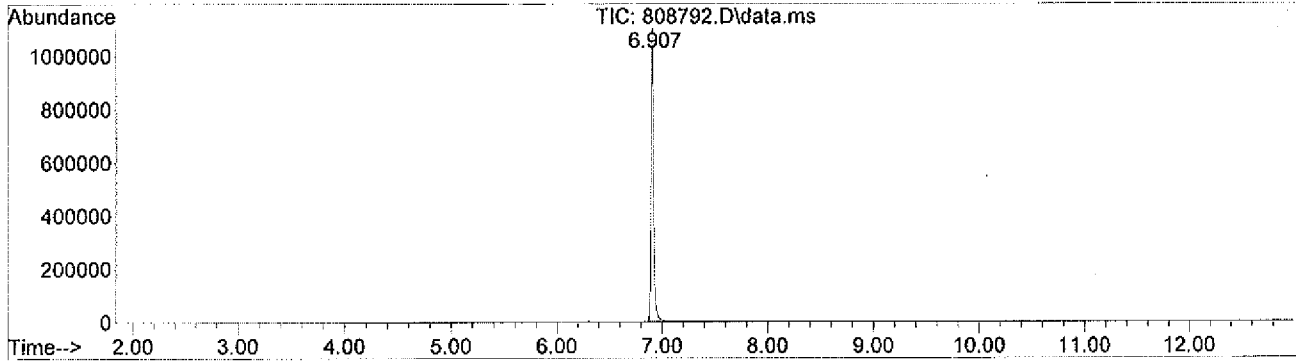
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808792.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 13:17
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 76
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.907	1770948	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808792.D
 Operator : NEM
 Date Acquired : 26 Nov 2011 13:17
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 76
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.91	C:\Database\SLI.L HEROIN	000561-27-3	99

